

no. 4
DADE, 1683.

A

Prognostication:

In which you may behold the
state of this Present **YEAR**,
of our **LORD GOD**,
1683.

Being the Third after Bissextile,
or Leap Year.

CONTAINING,

The Description of the Four Seasons,
the *Eclipses*, the *Passions* of the *Planets*,
and the *Daily Inclination* of the *Air*.

Also *Physical Verses*, and *Short Notes*,
and *Rules* for *Husbandry*, for every
Month throughout the Year.

With diverse other *Notes* and *Rules* of
Good Consequence, not formerly Published
in this **PROGNOSTICATION**.

By **WILLIAM DADE**, Gent.

LONDON,

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STATIONERS. 1683.

A Brief and Necessary Table, for the beginning and ending of the Four Terms, with their Returns.

Hillary Term begins *January 23*, and ends *February 12*, and hath Four Returns.

Octab. Hilarii. <i>Jan. 20.</i>	Craft. Purif. <i>Feb. 3.</i>
Quind. Hilarii. <i>Jan. 27.</i>	Octab. Purif. <i>Feb. 10.</i>

Easter Term begins, *April 25.* and ends the Munday after *Ascension-day*, and hath five Returns.

Quind. Pasch. <i>Apr. 23.</i>	Quinq. Pasch. <i>May 14.</i>
Tres. Pasch. <i>Apr. 30.</i>	Craft. Ascen. <i>May 18.</i>
Mense Pasch. <i>May 7.</i>	

Trinity Term begins the Friday after *Trinity-Sunday*, and ends the Wednesday-fortnight after, and hath Four Returns.

Craft. Trin. <i>June 4.</i>	Quind. Trin. <i>June 18.</i>
Octab. Trin. <i>June 11.</i>	Tres Trin. <i>June 25.</i>

Michaelmas-Term begins the 23 of *October*, and ends the 28 of *November*, and hath Six Returns.

Tres Mich. <i>Octob. 20.</i>	Craft. Mart. <i>Novemb. 12.</i>
Mense Mich. <i>Octob. 27.</i>	Octab. Mart. <i>Novemb. 19.</i>
Craft. Anim. <i>Novemb. 3.</i>	Quind. Mart. <i>Novemb. 26.</i>

Note, That the *Exchequer* openeth eight days before any *Term* begins, except *Trinity-Term*, in which it openeth onely four dayes before.

On these Dayes following the *Judges* sit not at

WESTMINSTER,

In {	Hillary	} Term, on	{	Candlemas	} Day.
	Easter			Ascension	
	Trinity			Midsummer	
	Michael			Allhallow	

A Description of the Four Quarters of the Year.

1 6 8 3.

And First of *Winter*.

Sol in ♍, ♎, ♏.

W Inter Quarter (after the *Astronomers Account*) began the Eleventh of *December*, 1683. at 8 of the Clock in the morning, and continues till the 10th. of *March* this year 1683. So that alwayes the first part of the Astronomical Winter, is in one Politick year, and the latter end thereof is in the other. At which was the shortest day of the year, by reason of the Suns greatest declination from the Equinoctial Line.

This Season, of its own disposition, is known to be cold and moist, contrary to the quality of the Summer; and, in this quarter, the inward parts of Man are very hot, and being healthful, may receive plenty of Food, because natural heat is now comforted, and is gone inward, and there increaseth, and maketh digestion the better.

The Sickneses whereunto this Quarter is most enclined, are *Rhumes, Gouts, Pustles, Sore-Eyes, Melancholy, Coughs, Catharrs, Sciaticæ, Falling-Sickness, Diseases* proceeding of *Rottensness* and *Corrupt Humors*; with divers kind of *Infirmities* incident among Women.

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Of the Second Quarter of the Year,
called the *Spring*.

Sol in \vee , γ , Π .

THE Spring time (being the most pleasant and wholesome Season of the Four) taketh its beginning on Saturday the 10th of *March*, at 24 min. past 8 in the morning, when the Sun entreth into the first minute of the Equinoctial point *Aries*, making the dayes and nights of equal length; which quarter endeth the 10th. of *June*, when the Sun entreth into *Cancer*.

This season is naturally hot and moist, and is of the Sanguine complexion, being the most temperate and healthful time of the year, and is therefore accounted the fittest time to ease diseased Bodies in, and to restore health again in those in whom formerly it hath been decayed by any kind of evacuation.

The Infirmities of this Quarter are *Melancholy*, *Madness*, the *Falling-Sickness*, *Bleeding at the Nose*, *Hoarseness*, *Coughs*, *Itch*, *Scales*, many *Uicers*, and small *Apostumes*, the *Gout*, and *Pain in the Joynts*, *Plurisies*, *Dropsies*, *Pestilent Agues*, *Shortness of Breath*, *Fainings*, *Pain in the Head*, *Eyes*, and *Stomach*, *Rotten Fevers*, and other *Strange Diseases*.

Of the Third Quarter of the Year,
called *Summer*.

Sol in ϵ , η , μ .

Summer (accounted the Third part of the Year *Astronomical*) taketh alwayes its beginning

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ginning at the time of the Suns entrance into the first min. of the Solstitial Sign *Cancer*, which is this year on Munday the 11 of *June*, 9. min. after 11 in the Forenoon, at which time he makes his greatest declination from the Equinoctial towards the North, and causeth the longest day, and shortest night in the year; and so Summer holdeth on till the 12 of *September* following.

In this Quarter the Stomach cannot digest such hard Meats as it will in the Winter season, for that natural heat is now distributed into the exterior parts, and man is not now so hot within as in Winter.

The Sickneses at this time are divers, as, *Burning Agues, Plurisies, Frensies, Hot Apostumes, Divers pains in the Head, Sundry Inflammations, and New Infirmities*, proceeding especially of *Hot Cholerick Humours*, wherewith many will be sore molested.

Of the Fourth Quarter of the Year, called *Autumn*, or *Harvest*.

Sol in ϵ , m, 7.

A *utumn*, or *Harvest* (being the Fourth, or last Quarter of the Year) beginneth upon Thursday the 13 of *Sept* at 40. m. past 2 in the Morning, the Sun then making his entrance into the first minute of the second Equinoctial Sign *Libra* working the same effect that he did at his entring into *Aries*, that is, making the dayes and nights of equal length, rising at six in the morning, and setting at six at right; and

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this Quarter doth last until the eleventh of December following.

The quality of this Season is naturally cold and dry, yet, by reason of its mutability, it is the most unwholesome; by means whereof, it is more subject to sickness than any other: for the dregs of all diseases of the former parts of the year, will now break forth and be seen.

The Diseases of this Quarter are like to be many and dangerous, as *Black Jaundies, Me-grims, the Falling-Sickness, Opilations in the Spleen, difficulty of Breathing, Convulsion Fits, Dropsies, Sciatica's, Biles, Toothach,* and many more. *From which, good Lord deliver us.*

*Of the ECLIPSES this
YEAR, 1683.*

THere will be Three Eclipses this year, Two of the *Moon*, and one of the *Sun*, of which, only that Eclipse of the *Sun* will be conspicuous to us in *England*, It will be upon the 17th of *January* in the Afternoon: And

The Beginning will be at 24 minutes after 3 in the afternoon.

The Middle or greatest darkness will be at 33 minutes after 4.

The End will be at 43 minutes after 5.

The whole duration will be 2 hours and 19 minutes. And

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There will 10 parts of 12 of the *Suns* body be darkned.

The Second Eclipse will be of the *Moon*, on the first of *February* about 3 in the afternoon, but cannot be seen, for that the *Sun* is then above the Horizon.

The Third will be of the *Moon* also, on the 28 of *July*, at 8 of the clock in the morning, and so cannot be seen for the reason aforesaid.

Physical Verses, Rules for Husbandry and Gardning, with the Day and Hour that the Planets will be in Conjunction (or may be seen) with the Moon every Moneth in the year.

Of January.

If thou be sick, and help would'st have,

The Counsel of the Learned crave:

If thou hast health, to keep thee so,

Fly Idleness as deadly Foe,

S *Aturn* on the 5 day will be with the *Moon* at 10 at night,

Jupiter on the 5 day will be with the *Moon* at 11 at night.

Mars, on the 9 day will be with the *Moon*, at 4 in the morning.

Venus on the 18 day will be with the *Moon* at 11 before noon.

Mercury on the 16 day will be with the *Moon* at 8 at night.

January's Instructions for Husbandry.

This Moneth see all kind of Fruit-trees, and Quick-sets: In the New of the *Moon* (the wind

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and weather observed) you may set Pease and Beans, Parsnips, and Oats, if the weather prove mild, and the Moon decreasing.

Of February.

*Be choice of Food in any wise,
To keep thee warm also precise:
Beware likewise thou let not Blood,
Except the Learned think it good.*

S *At*urn on the 1 day will be with the Moon at 4 in the morning.

Jupiter on the 28 day will be with the Moon at 11 before noon.

Mars on the 6 day will be with the Moon at 11 before noon.

Venus on the 13 day will be with the Moon at 6 at Night.

Mercury on the 17 day, will be with the Moon at 8 at night.

Februaries, Instructions.

This Moneth set Roses, with all other kind of Plants and Quicksets, sow Pease and Onions as in the Moneth before (the weather consider'd) you may now Garden for Sallet-herbs, Pot-herbs, and such like.

Of March.

*Now Bleed, and Bath, if thou desire,
And Purge also (if need require)
Ill humors do in many breed,
Provide in time before you need.*

Saturn

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S *Aturn* on the 28 day at 8 at night
Jupiter on the 28 day at 6 at night
Mars on the 5 day at 11 before noon
Venus on the 14 day at 1 in the morn.
Mercury on the 17 day at 8 in the mor.

will be with the Moon

Marches Instructions.

This Moneth (in the New of the Moon) Graft,
 Set Quick-fets, and Vines, Cut your Hedges
 and Vines already growing. Also you may Sow
 Onions Beans and Oates, and all manner of Gar-
 den-herbs.

Of April.

Now wholesome Baths thou may'st frequent;
Let Blood also, and not repent:
These are good means thee to defend,
From Grieffs, the which on thee attend.

S *Aturn* on the 24 day at 3 in the mor.
Jupiter on the 24 day at 2 in the mor.
Mars on the 28 day at 3 in the morn.
Venus on the 12 day at 4 in the After.
Mercury on the 14 day at 10 in the morn.

will be with the Moon

Aprils Instructions.

In this Month Pole your Hops, sow Barley
 and Artichoaks, Barke Trees for Tanners, sow
 Hemp and Flax, set Cyterns, Mellons and Cu-
 cumbers, and furnish and replenish your Gardens
 with Summer Herbs.

Of May.

Rise early now this Moneth of May,
And walk the Fields that be so gay;
From Surfeting see thou refrain,
Or sure it will procure thy pain.

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<p>S <i>Aturn</i> on the 21 day, at 10 in the fore. <i>Jupiter</i> on the 21 day at noon. <i>Mars</i> on the 25 day, at 2 afternoon. <i>Venus</i> on the 13 day, at 4 aftern. <i>Mercury</i> on the 16 day, at 3 in the aftern.</p>	}	will be with the Moon.
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May's Instructions.

In the beginning of this Moneth you may Sow the Seeds of Summer Herbs, which could not endure the cold of the foregoing Moneths. You may yet Sow Hemp and Flax: Weed your Hop-Gardens, and take away superfluous Branches, and Mofse your Gardens.

Of June.

*Drinks New or Sweet, Taste not at all,
 For, thereby growes no danger small;
 And, to thy self such pastime take,
 As may in God thee merry make.*

<p>S <i>Aturn</i> on the 17 day, at 10 at night. <i>Jupiter</i> on the 18 day, at 3 in the m. <i>Mars</i> on the 22 day, at 7 in the morn. <i>Venus</i> on the 11 day, at 6 at night. <i>Mercury</i> on the 16 day, at 3 in the after.</p>	}	will be with the Moon.
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Junes Instructions.

In this Moneth (at the Full of the Moon) Gather your herbs to keep dry for the whole year, Weed your Corn-fields and Gardens, Set Rosemary and Gelliflowers, Sow Lettice, Sheepe Sheepe, the Moon increasing.

Of July.

*Perfume thy House with Sarums sweet,
 But such as are for purpose meet,
 Abroad as thou in Streets dost go,
 Defend thy self from stinks also.*

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S *Aturn* on the 15 day, 10 before noon

Jupiter on the 15 day, at 3 at night

Mars on the 20 day, at noon.

Venus on the 11 day, at 7 at night.

Mercury on the 14 day, at 5 at night.

will be with
the Moon.

July's Instructions.

In this moneth ply your Heying, Fallow your Lands for Wheat, Pull up Hemp that is ripe, get Rue and Wormwood to drive away Fleas and Moths. Dry Flowers in the shade, and then Sun them a little for fear of corruption.

Of August.

As burning Heat will thee destroy,

So shivering Cold will thee annoy;

Let little sleep thee now content,

Purge not, nor Bleed, lest thou repent.

S *Aturn* on the 12 day, at 3 in the morn.

Jupiter on the 12 day, at 4 in the aft.

Mars on the 17 day, at midnight

Venus on the 10 day, at 7 at night

Mercury on the 11 day, at 4 in the morn.

will be with
the Moon.

Augusts Instructions.

Reap Wheat and Rie, cut down your Oates, Gather Garden-Seeds, Sow Lettice and other Winter-herbs in the New of the Moon: Use moderate Diet, forbear to sleep presently after Meat, take heed of sudden cold after great heat.

Of September.

Raw Fruits (though ripe) may Sicknes bring,

Unripe much eat, a dangerous thing;

If now a Surfet thou dost take,

When others sleep thou must awake.

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<p>S <i>Aturn</i> on the eighth day at 7 at night. <i>Jupiter</i> on the 9 day, at noon <i>Mars</i> on the 15 day, at 6 at night <i>Venus</i> on the 9 day, at 4 in the aftern. <i>Mercury</i> on the 11 day, at 7 in the morn.</p>	}	will be with the Moon.
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Septembers Instructions.

Set Artichoaks, Sow Seeds for winter herbs, gather Hops and Apples, and other Fruits (which are fit to be gathered) about the Full of the Moon, the weather being dry. Cut Quicksets, Sow Wheat and Rye, kill Bees, make Verjuice, Sow Parsnips and Carrets; Remove and set Slips of Flowers; Set Roses, Strawberryes and Barbaries: and remove Trees every New Moon till February.

Of October.

Warm Cloaths must now provided be,

Also warm Meats are good for thee.

Have good regard thy feet be dry,

Thou shalt avoid much harm thereby.

<p>S <i>Aturn</i>, on the 6 day, at 10 in the foren. <i>Jupiter</i> on the 7 day, at 6 in the mor. <i>Mars</i> on the 14 day, at 4 afternoon. <i>Venus</i>, on the 9 day, at 2 afternoon. <i>Mercury</i>, on the 11 day, at 7 at night.</p>	}	will be with the Moon.
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Octobers Instructions.

Remove your Plants and Trees in the New of the Moon, and about the Full of the Moon gather such Fruit as you left ungathered the last Moneth. Set all kind of Nuts and Acorns: And cut your Rose-Trees but once in two years if you intend to have store of Roses.

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Of November.

*If Rheumes do now molest thy head,
It is not ill to sweat in bed;
Feed on good meats if stomach serve,
Else seek for that which doth preserve.*

S <i>Aturn</i> on the 2 day, at 9 at night	} will be with the Moon.
<i>Jupiter</i> on the 3 day, at 11 at night	
<i>Mars</i> on the 12 day, at 3 afternoon	
<i>Venus</i> on the 8 day, at 1 afternoon	
<i>Mercury</i> on the 8 day, at 1 afternoon.	

Novembers Instructions.

In the New of the Moon remove young Trees, set Crabtree-Stocks to Graft on; and, in the old of the Moon set Pease and Beans, sow Parsnips and Carrets, make Malt, kill Hogs, and make Martimas-Beefe.

Of December.

*Now cold December is come in,
The poor Mans back is cloathed thin;
Then Feed and Cloath him as you may,
The Lord will it three-fold repay.*

S <i>Aturn</i> on the 26 day, at 8 in the morn.	} will be with the Moon.
<i>Jupiter</i> on the 1 day, at 3 afternoon.	
<i>Mars</i> , on the 11 day, at 8 at night	
<i>Venus</i> on the 8 day, at 4 afternoon	
<i>Mercury</i> on the 6 day, at 5 at night	

Decembers Instructions.

This Moneth and the next are best to fell great Timber in the old of the Moon, to uncover the Roots of your Fruit-Trees; Fallow Land for Barley, cover Herbs from cold, look well to your Cattel, take Fowl with Nets or Lime-Twigs. Other

Other *Physical* Observations.

{ Let the Sanguine Blood when the Moon is in Pisces.
 { Let the Cholerick blood, when the Moon hath her
 { course in Cancer or Pisces.
 { Let the Melancholy blood, when the Moon is in Li-
 Good to { bra, Aquarius; or Pisces.
 { Let the Phlegmarick blood; when the Moon is in
 { Sagitarius, or Aquarius.
 { Prepare humors, the Moon in Gemini, Libra, or A-
 { quarius.

Good to { Electuaries, } The Moon { Cancer:
 Purge with { Pills, } in { Pisces.
 { Potions, } { Virgo.

{ To take Vomits, the Moon being in Taurus, Virgo, or
 { the latter part of Sagitarius.
 { To purge the head by Sneezing; the Moon being in
 { Cancer, Leo, or Virgo.
 { To take Glitters, the Moon being in Aries, Cancer, or
 { Virgo.
 Good { To stop Fluxes and Rheums; the Moon being in Tau-
 { rus, Virgo, or Capricorn.
 { To Bath, when the Moon is in Cancer, Libra, Aqua-
 { rius, or Pisces.
 { To cut the Hair off the Head, or Beard, when the Moon
 { is in Libra, Sagitarius, Aquarius, or Pisces.

Other brief Observations of *Husbandry.*

S Et, Sow Seeds, and Graft, the Moon being in Taurus, Virgo, or
 Capricorn.
 And all kind of Corn in Cancer.
 Graft in March at the Moons increase; she being in Taurus, or
 Capricorn.
 Shear Sheep at the Moons increase.
 Fell hard Timber from the Full to the Change.
 Fell Frith, Copice, and Fuel at the first quarter.
 Lib or Geld Cattle, the Moon in Aries, Sagitarius, or Capricorn.
 Kill fat Swine for Bacon (the better to keep their fat in boy-
 ing) about the Full Moon.

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Natural Prognosticks for the judgment of weather.

THe foregoing Rules for the judgment of the weather are such as are deduced from the Aspects of the Planets to the Moon, and among themselves: these here following, are such as are deduced from *Philosophical Aphorisms*, Therefore

1. The resounding of the Sea upon the shore, and the murmur of Winds in the Woods, when the Wind is not stirring abroad doth shew Wind to follow.

2. The obscuring of the smaller Stars foreshews Tempests.

3. When Stars seem to shoot, Wind comes from that Quarter.

4. If two Rainbows appear, Rain follows; but a Rainbow appearing after Rain, signifies fair weather.

5. If the Sky be red in the morning, it is a sure token of Wind or Rain to follow, or both, for the vapors which cause that redness will soon be dissolved.

6. If the Sun or Moon look pale, look for Rain; if fair and bright, fair weather; if red, Wind.

7. If a dark Cloud be at Sun-rising, in which the Sun is soon after hid, it will dissolve it, and Rain will soon follow.

8. If a Cloud appear, and afterwards Vapors are seen to ascend up to it, it portends Rain.

9. If the Sun appear in the East, greater than it usually doth, it is a sign of Rain.

10. If a black Cloud appear in the West about Sun-setting, it will rain that night, or the morning following.

11. If Mists come down from the Hills, or descend from the Sky, and settle in the Vallies, it promiseteth fair and hot weather. Also Mists ascending in the evening from the Earth, or Water, shew a hot day to follow.

12. Water-Fowls, (as Sea-Gulls, Morehens, &c.) when they flock and fly together from the Sea towards the Shore. As also when Land-Fowls (as Crows, Swallows, &c.) when they fly from the Lands to the waters, beating the waters with their wings, foreshews Rain and Wind.

13. If the Circles about the Sun be red and broken, it portends Wind; if thick and dark, Wind, Snow, or Rain, and the same of the Circles about the Moon.

14. The Trefail Grass, against Rain, swels in the stalk, and standeth more upright.

15. The Wincowpipe (growing in Stubble-fields) if you find it open in the morning, be sure of a fair day to follow.

16. Aches, Hurts, and Corns, do engrieve against Rain, Snow, or Frost.

17. Worms coming out of the Earth, Moles casting up the Earth, Fleas biting more than ordinary, are evident signs of rain to follow.

18. Solid Bodies, as Stone and Wainscot, when they sweat, do foreshew Rain.

Natural

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*Natural Prognosticks of Pestilential,
and unwholsome Years.*

1. **W**hen there are great number of Frogs, Flies, Locust, &c. For these Creatures being ingendred of Putrefaction shew a general disposition of the Year, and constitution of the Aire to Putrefaction.

2. When Worms are found in Oake-Apples.

3. Great and early heats in the Spring (and chiefly in May) without Winds.

4. Great drought in Summer continuing to the end of *August*, portend a Pestilentious Summer the next year.

5. The Small Pox, Purples and Agues in the Summer, and hovering all the Winter, portend a great Pestilence the Summer following.

6. A dry *March* and a dry *May* portend a wholesome Summer, if there be a showering *April* between.

Signs of a Sound and Pure Aire.

1. A Sound and Pure Air is made hot presently after the Sun rising, and is made cold immediately after his setting.

2. That which yieldeth a pleasant smell after Rain, clear, and not evaporated, open and lightsome, and when the North-wind bloweth.

3. Where there are Easterly Winds in the Mornings.

Signs of Corrupt and Infectious Aire.

1. A Corrupt and Infectious Aire is made by the often blowing of the South, or South-East winds,

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windes: or by the West, or South-west wind
in the evening.

2. When the Aire is cold long after Sun-set.

3. When the Aire is long hot after Sun-setting.

4. When the Air is long close, cloudy, or thick.

Of the Properties, and Natural Effects of the Seven Planets.

Saturn.

Saturn being well posited, is like a grave Coun-
sellor, and a Man of authority thinking of great
matters, a lover of Secrets, Diligent, Solitary, Co-
vetous, Studious and a Zelotype — Being evil
affected, he is an Abject, a Pick-thank, fearful,
given to Solitariness, Sad, Stubborn, Ill-willy,
Deceitful, Sloathful, Dull, a Liar — By nature
he hath relation to Husbandmen, Masons, Black-
smiths, Digers in the Earth, Tanners, and the like

Jupiter.

Jupiter is said to be the greatest Fortune, and of
Nature is benevolent; Being well situate, he
maketh men honest, prone to good duties, pious,
magnanimous, vericundious, modest, wise, dili-
gent, liberal, and yet careful of their own — Being
evil disposed, he is more prodigal and stout — He
signifies, Bishops, Church-Governours, Lawyers,
Judges, Governors of Towns and Cities, and
Ecclesiastical Persons.

Mars.

Mars being well affected, is valiant, gene-
rous, hasty, given to war, fearing no danger, im-
patient

patient of servitude, and injuries, not respecting riches — But being badly seated, he is irreful, cruel, prodigal, a tyrant, a murderer, and the author of discords and seditions — He hath relation to Soldiers, Surgeons, Turks, Fire-works, &c.

Sol.

He is magnanimous, valiant, provident, a giver of long life, and a healthful body — He maketh Men wise, famous, desirous of honors, having signification of Kings, Princes, Dukes, Marquesses, Earls and Potentates.

Venus.

Venus being well situate, maketh men fair spoken, pleasant, fair, delicate in gesture, given to pleasures, sociable, merciful, &c. — But being ill affected, she is effeminate, timorous, a lover of Maids, sluggish, lustful, a Zelotype, and given to idleness.

Mercury.

Mercury being well seated, causeth a sharp wit, maketh men studious, and capable of Learning — Being ill seated, he is subtle, crafty, malicious, and a Liar — Of Persons, he signifieth Philosophers, Poets, Mathematicians, Scriveners, Merchants, and the like.

Luna.

The Moon maketh men unconstant, fearful, prodigal, studious of Histories, and given to Navigation and Planting — She signifies Embassadors, Legates, Queens, Ladies, also Common People, Fishers, Watermen, and such like.

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*A Description of the Magnitudes, Motions,
and distances of the Seven Planets.*

A Rgol, a laborious and learned *Astronomer*,
giveth this account of the Planets Moti-
ons and Distances, to wit,

Saturn, Nine times.

Jupiter, Fourteen times.

Mars, Two thousand five hundred
thirty five times.

Venus, Twelve hundred and se-
venty times.

The Sun is
greater then

Mercury, Three thousand seven
hundred and five times.

The *Moon*, ten thousand times.

The *Earth*, One hundred ninety
six times.

Jupiter, The one half.

Mars, Two times.

Venus, Two hundred eighty six times

Saturn is
greater then

Mercury, Four hundred and eighteen
times.

The *Moon*, one thousand one hun-
dred twenty two times.

The *Earth*, Twelve times.

Mars, One hundred eighty two times

Venus, Eighty four times.

Jupiter is
greater then

Mercury, Two hundred sixty six times

The *Moon*, Seven hundred and four-
teen times.

The *Earth*, Fourteen times.

Venus is twice as big as *Mars*, and Three
times as big as *Mercury*.

Mars

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Mars contains Mercury once and a half.

The Moon } Mars Thirteen times,
 is greater then } Venus, Six times.
 Mercury, Nineteen times.

The Earth, 49150720

Saturn, 127864480

Jupiter, is distant from the 35425120

Mars, Firmament 47490640

The Sun, 44720000

The Moon, 48958080

Jupiter --- 23138640 Miles.

Saturn is } Mars --- 29361440 Miles.

distant from } The Sun --- 3193352 Miles.

The Moon --- 36171600 Miles.

Jupiter is } Mars --- 7722800

distant from } The Sun --- 9294880 Miles.

The Moon --- 13532960

Mars is } The Sun --- 1572080 Miles.

distant from } The Moon --- 8310160

The Sun is distant from the Moon --- 4238080,
 that is, four Millions, two hundred thirty eight
 thousand, and eighty Miles.

Hoc incredibile videntur tantum is, qui Mathe-
maticis demonstrationibus non assueverunt, &c.

ADVERTISEMENT.

THose highly approved, and only true Spirits of Scurvy-Grass,
 both plain and Golden, famous for their Admirable Cures in
 the Scurvy, Dropsie, and severall other General Distempers, are ex-
 actly and faithfully prepared, and sold by the first Author, Robert
 Bateman, at his House in Pauls-Chain, near Doctors Commons,
 London; with Printed Directions for their Use. The Bottles are
 Sealed with his Coat of Arms, the Half Moon and Ermins, to pre-
 vent Counterfeits: Price one Shilling each Bottle. These are the
 True Spirits, notwithstanding all the late Pretenders thereunto;
 therefore let all persons beware they are not cheated with Up-
 starts.

Of several Diseases incident to CATTLE.

With their
CAUSES and CURES.

I. Of the Murrain in an Oxe, Cow, or Calfc; And how to Cure the same.

FOr every Beast that is thus troubled take a Quart of old Wash, and lay a good quantity of Hens Dung in steep therein for 8 or 10 hours, then strain it, and break two Rotten Eggs into the Juice, and two penniworth of Spikenard; Blend all these together and give it the Beast. Before you give them this you must Blood your Beast, and Drench both Horses and Swine.

This Disease cometh several ways, as from rankness of Blood, from the corruption of Aire, or by Infection from other Cattle. — The signs by which you may discover it are these, (1.) they will foam at the Mouth, (2.) they will blow very thick and short, (3.) their heart and lights will beat very fore, (4.) sometimes their face and chap: will swell, and (5.) their eyes will run with water.

II. Another Cure for the same.

LET your Beasts Blood (be they sick or sound) Then take Rane, Featherfew, Sage, Hyssope, Time, Marjerom, Marygolds, Fenel, Tansie, Lavender, and Spike, of each a small handiul, Boyle them all together in Spring-water, from a Gallon to a Quart, then strain it: And put for every Beast a Pint of strong Ale to the Juice: Then take some Long Pepper, Green Anniseeds, Pease, Bay-salt, Treacle, Licorise Powder, and Butter: Pound all these together, and put them to the Juice and Ale; Then give to every sick Beast a full Pint, and to a sound Beast but half a Pint. *Proba-*

III. Of the Garget in the Tongue or Throat, the Cause and Cure thereof.

SOMETIMES this Disease is caused by eating of Poisonous Grasse, as Dogs-bane, Goose-foot, Helbaet flowers, and such like; all which are Poisonous either to Beast or Swine: but it often cometh from the Blood.

To Cure this Distemper, First Blood them in the Neck, and if they be swoln under the Jaws, against the Throat-boale, then cut a Veine under his Tongue, to let out the Blood and Water; Then wash the Tongue with Vineger, Salt, and Burnt Allum. If the out-side be swoln, slit the Hide four fingers broad every way; and then

then put in a good handful of Sparagras, Salt and Butter, and stitch some of the hole up again: Then take the quantity of a Mustard Ball of the Blewett Clay you can get. The Middle-green Bark of young Elder, a good handful of Salt, some Retty Bacon, and boyle them near half an hour in Old Urine till they be thick as Rap: With this Oyntment bathe the Beasts Face from the Ears downwards, and stroak it downwards towards the slit as hot as you can endure it. Bathe the Beast thus three times a day; and when the Swelling is abated, take Tar, Fresh Butter and Bees-Wax, and anoint the sore place, and it will be presently well.

To prevent this Disease, give your Cattel some Rhue, in strong Beer or Ale well mixed, and Milk-warm.

IV. *Of Sore Eyes in Oxe, Cow, or Calfe.*

There's a dilemper in the Eyes called the Inflammation which cometh by the Blood, and breedeth Blindness, sometimes the Beast sees a little, and sometimes not at all.

To Cure this, Cord them in the Neck, and Bleed them very well in the Temples under the eyes, then put in some live Honey and burnt Allum, mixed together every day, and the eyes will certainly mend.

V. *Another Cure for Sore Eyes.*

Burn Mutton Bones very well, pound them to Powder, and Searse them; then take burnt Allum, Tuttee, White Sugar Candy, mix all with the juice of Irie, and it will help them that have a Fleam that cometh by a blow.

Also the Marrow of a Goose Wing is good to Cure the same.

VI. *Another Cure for Sore Eyes in Cattel.*

Burn Eggshells between two Tilchads, and when they are burnt pound them, and Searse them, and with a Quill blow this Powder into the Beasts eye 2 or 3 times a day, and they will mend presently... Also the former Powder and White Sugar Candy mixed with Butter without Salt, into a Salve, the eyes anointed with this 3 times a day, will certainly heal them.

VII. *Of an Arberry, or Wart in any Beast, the Cause and Cure.*

This Disease is most incident to young Beasts under 5 years old: It cometh of Blood; and is a Spongy kind of flesh, full of Blood and Water.

The Cure is several ways (1.) If it be a great one, take 8 or 10 Horse hairs, and tie them as hard about it as you can, and in 8 or 10 dayes time you will see it fall away; then heal it up with Unslackt Lime and Honey. (2.) If it be a flat one, sear it off with a hot Iron, and heal it up as before. (3.) If it be amongst sinews and veins, you must cate it away with Mercury or Rosulger; Then stop the hole with Flax and Whites of Eggs for 2 days, then heal it up with Powder of unslackt Lime and Honey.

VIII. *Of Madnes in the Head of Cattel, as of Bull, Oxe, or Cow. And how to Cure it.*

For Madnes in the Head, it proceedeth principally from the Blood: And this Disease may easily be discovered: For Beasts

Beasts thus troubled will reele as they go, will set their head into their neck, or against a Wall, Tree, or Gate, so fixed, that a Man or two can hardly move them.—For the Cure of this distemper the following Receipt is excellent.

You must first Cord them in the Neck, and Bleed them very well in the Temples under the eyes, and in the Ears: Then give them in a quart of strong Ale, Fenigrick, Turmerick, Long Pepper, and Green Aniseeds, of each a like quantity, with some juice of Rue: Give it them Milk-warm, the thinnest half in at the Nostrills, the other at the Mouth, and it will undoubtedly cure them, if taken in any time.

IX. Of the Yellows in the Bodys of Beasts, the Cause and Cure.

OF all Diseases in Cattel, this is the Original or Fore-runner, and it is easily discovered: For Cattel being infected therewith, will be Yellow in Ears, Eyes, end of the Taile, and sometimes all over the Body.

To Cure this Distemper, you must Bleed them well, both in the Ears and Taile, rubbing them, that they may bleed the more freely: Then put some Salt into their Ears, and give them two handfuls of Salt dry overnight down their Throat: In the Morning give them Fenegrick, Turmerick, Long Pepper, Aniseeds and Liquorice made into Powder, and all put into strong Ale Milk-warm. This is a certain Cure.

X. Of the Blend-water, the Cause and Cure.

Some call this Disease, The Morehow: It is occasioned severall ways, (1.) by Blood. (2.) from the Yellows. (3.) from change of Ground; for hard ground breedeth this.

It may be thus cured. Take one pennyworth of Bolearmonick, and as much fine Flower of Charcole as will fill an Egg-shell, and a good quantity of the Inner Bark of an Oak dried and pounded; Put all these into a Quart of new Milk, and a Pint of Erning. Give this to the Beast two times, and it will cure him.

There is another Cure for this Distemper which never fails.

Take a Quart of New Chern'd Milke: Also take a good piece of Lean Salt-hung-Beefe broyled upon the Coles till it become a Cole it self, and when cold make it into Powder; Take also a Pennyworth of Bolearmonick pounded, and a handfull of Shophards Purse, put all these together into the Milke, and give it the Beast. This Receipt never fails.

XI. Of the Worm in the Taile, the Cause and Cure.

This Disease is discover'd by the Taile it self, for, sometimes the Hair will go off where the Worme is: but most commonly the Joynts are eaten asunder therewith, so that they will knock one against the other, and this is the certain token.

It may be thus Cured. Slit the Skin of the under side above the decayed Joynt, and just against the Veine: Then prick the Veine, and let it bleed very well: Then take Garlick, Butter and Salt mixed together, and apply it to the wound, binding it up, and it will soon mend.

XII. Of

XII. Of the Wate-Murrain, its Cause, Cure, and Prevention.

THis Disease is chiefly incident to Beasts under 3 years old, and is engendered chiefly from rankness of Blood; and if they have not present help they will die.

The Disease is easily discovered, for they will be swoln on the Back, even to the Chine bone on both sides.

To Cure them, First let them Blood in the Neck, Then take Fenegrick, Turmerick, Long Pepper, and Spikenard all made into Powder, and give it to the Beast in Ale or Beer, Milk-warm, and this will cure the inner cause.—For the Swelling, Take three handfuls of Salt, a little Allum pounded; put both these into a Pint of Spring-water, and as much Vineger, beating them with a slice till they be white; With this Liquor bathe the swoln part often, and it will dry up the Rheume and cure it.

The best way to prevent this disease, is to Blood in time.—If they swell very much in the Back, Rowl them on both sides behind the shoulder blade, against the Heart, putting in some Hare to keep the holes open, and they will presently mend.

CONCLUSION.

THus have I accommodated the honest Countrey Farmer with Twelve Excellent Cures for so many several distempers that may happen to light upon his Cattel; these have been all experimented, and found to be very effectual. I have many more by me, and about such a number you may expect from me every year, who am, The Countrey Farmers Friend.

ADVERTISEMENTS.

WHereas since the Decease of Dr. Lockyer, many have been at a loss to know where his true Universal Pill is to be had, which is so famous in all His Majesties Dominions and Plantations, By the Cures it hath wrought in the Scurvy, Dropsie, Stone, Consumption, Aches and Lameness of the Limbs, all sorts of Agues and Fevers, Gripings of the Guts, &c. This is to certifie, that it is only prepared by Mr. Watts, his Nephew in St. Thomas, Southwark; and Mr. Fyge, Apothecary, without Bishopsgate, London, whom he appointed his only Trustees for the same after his Death.

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F I N I S.